

AMENDMENTS TO THE CLAIMS

The following claim set replaces all prior versions, and listings, of claims in the application:

1 – 14 (Cancelled)

15. (Currently Amended) A premixed liquid monopropellant which consists of an aqueous mixture of hydrogen peroxide, ~~and ethanol, and water~~ in an amount sufficient to render the monopropellant nondetonable and to maintain a flame temperature when ignited of about 2000⁰K or less.

16. (Previously Presented) The premixed liquid monopropellant of claim 15, wherein the hydrogen peroxide is present at a 70% concentration in water.

17. (Previously Presented) The premixed liquid monopropellant of claim 15, wherein the hydrogen peroxide is present in the mixture in an amount between 77% to 80%.

18. (Previously Presented) The premixed liquid monopropellant of claim 17, wherein the ethanol is present in the mixture in an amount between 12% to 20%.

19. (Currently Amended) The premixed liquid monopropellant of claim 18, wherein hydrogen peroxide is present at a 70% concentration in water, and wherein an additional amount of water is present in the mixture in an amount of between 3% to 8%.

20. (Currently Amended) A premixed liquid monopropellant which consists of 80% hydrogen peroxide having a concentration in water of 70%, 12% ethanol and 8% additional water.

21. (New) The premixed liquid monopropellant of claim 15 or 20, which further consists of a solid oxidizer present as a solute in the liquid monopropellant.

22. (New) The premixed liquid monopropellant of claim 21, wherein the solid oxidizer is aminoguanidine nitrate, ammonium nitrate or ammonium dinitramide.